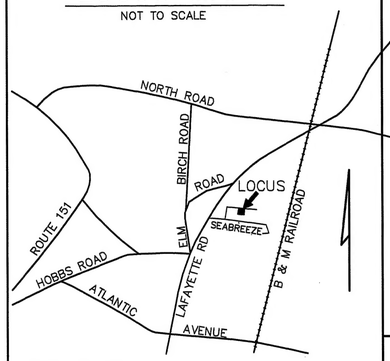
## LOCUS MAP

NOT TO SCALE



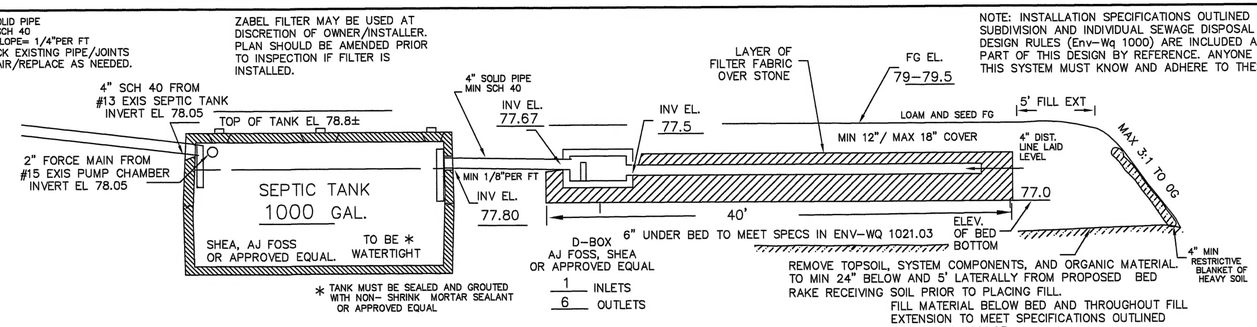

#13 SANDPIPER HAS EXISTING 1000 GALLON SEPTIC TANK. TOP OF TANK EL 79.5 INVERT OUT EL 78.5

#15 SANDPIPER HAS EXISTING 1000 GALLON SEPTIC TANK AND PUMP CHAMBER WITH 2" FORCE MAIN.

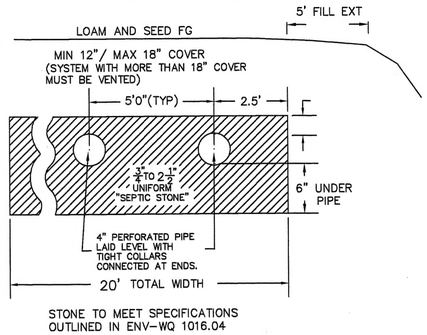
EXISTING TANKS TO REMAIN IN PLACE, TO BE INSPECTED FOR PROPER FUNCTION AND REPAIRED, RESEALED, OR REPLACED AS NEEDED. CONSULT DESIGNER IF REPLACED TO DETERMINE REPLACEMENT LOCATION.

4" SOLID PIPE MIN SCH 40 MIN SLOPE= 1/4"PER FT CHECK EXISTING PIPE/JOINTS REPAIR/REPLACE AS NEEDED.

ZABEL FILTER MAY BE USED AT DISCRETION OF OWNER/INSTALLER. PLAN SHOULD BE AMENDED PRIOR TO INSPECTION IF FILTER IS INSTALLED.



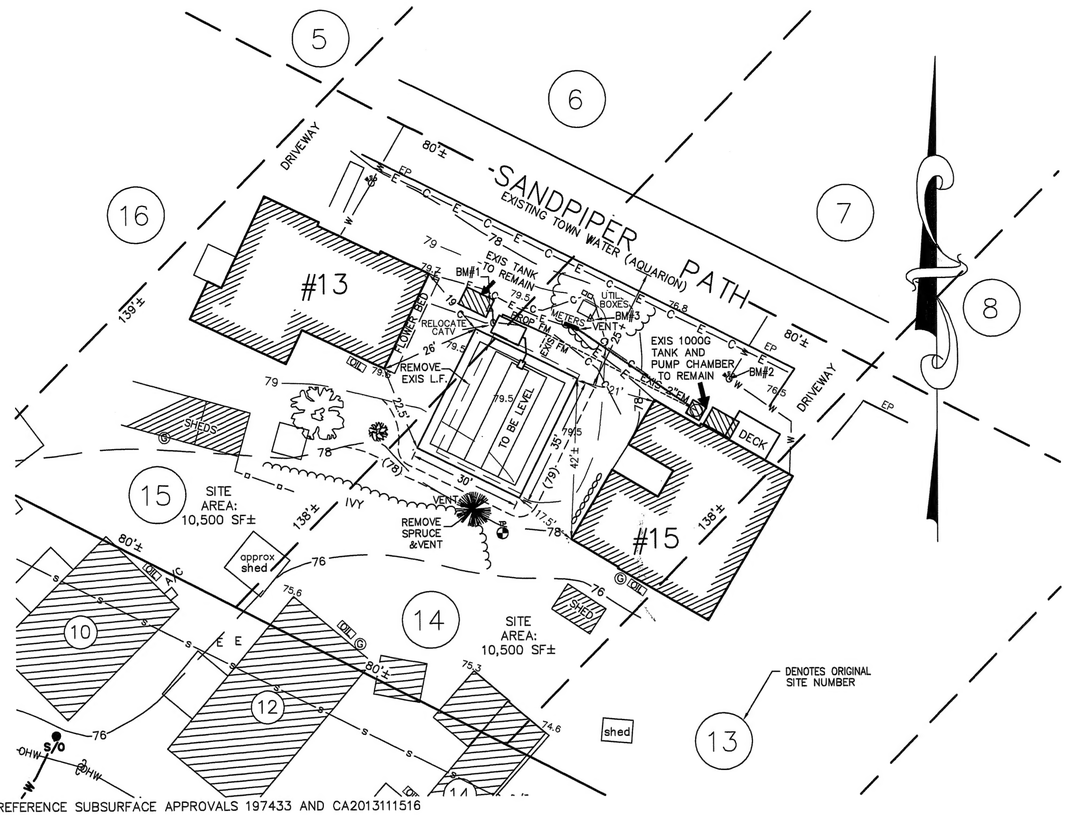

NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env-Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.




STONE TO MEET SPECIFICATIONS OUTLINED IN ENV-WQ 1016.04

## CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

## PLAN : 1"=20'




REFERENCE SUBSURFACE APPROVALS 197433 AND CA2013111516

EXISTING SYSTEM FAILURE EVIDENCED BY SEVERE BLEEDOUT AT LEACH FIELD

PROPOSED ISDS IS DESIGNED TO SERVICE 2 STRUCTURES WITH DISHWASHERS, WASHING MACHINES, TOILETS, AND TUB/SHOWERS. (SEE NOTE 3)

THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

## TEST PIT DATA

DATE: MAY 1, 2013

TOWN INSPECTOR: MIKE CUOMO, RCCD

TEST PIT EL 77.9

0 -30" MIXED FILL, LOAM, SAND AND ROOTS
30-60" 10YR4/6 LOAMY FINE SAND, BLOCKY FRIABLE
60-68" 2.5Y5/4 SILTY FINE SANDY LOAM, BLOCKY, MOTTLED

ESHWT @ 60", NO OBSERVED WATER, NO REFUSAL

## PERC TEST DATA

DESIGN RATE: 2 MIN/IN PER ORIGINAL APPROVAL

DESIGN LOADING: TWO EXISTING 2 BEDROOM MOBILE HOMES

AREA REQUIRED: 750 SQUARE FT REQUIRED

AREA PROPOSED: 30' X 35' = 1050 SF PROVIDED

SOIL CLASS: 510 HOOSIC
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 TOP OF #13 TANK @ OUTLET EL 79.51

#2 WATER SHUTOFF FOR #15 EL 77.26

#3 SOUTHERLY CORNER UTILITY PAD EL 79.16

### DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 77.0
2. THERE IS/ARE APPROX 30" FT BELOW EXISTING GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 79.5)

### SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

### LEGEND:

50 / (50) EXISTING CONTOUR
PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

### NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: APPROVED SUBDIVISION PLAN
2. NHDES SUBDIVISION APPROVAL NO 19667
PREVIOUS CONSTRUCTION APPROVAL #124387
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM EXIS WATER SOFTENER SYSTEM MUST BE REROUTED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
b) NO WELLS WITHIN 75' PROPOSED
c) NO HYDRIC B SOILS WITHIN 50' SYSTEM
d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

## PLOT PLAN

1"=APPROX 100'

PROPOSED REPLACEMENT

# SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: #13 AND #15 SANDPIPER PATH
SHEL-AL MOBILE HOME PARK
NORTH HAMPTON, NH
TAX MAP 13 LOT 73

OWNER: LUCK ENTERPRISES INC
PO BOX 700
NORTH HAMPTON, NH 03862-0700

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Dietrzeski No. 348
Water & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: MAY 20, 2013

APPROVAL: CA2013112949 5/24/13

654

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.